

CLAIMS

1. A wireless phone, comprising:
 - 5 one reusable module; and
 - one disposable module.
2. The wireless phone according to claim 1, wherein the reusable module comprises functional components.
 - 10 3. The wireless phone according to claim 2, wherein the functional components comprise a subscriber identification module.
 4. The wireless phone according to claim 2, wherein the functional components further
15 comprise at least one of a transmitter, receiver, processor and a memory.
 5. The wireless phone according to claim 2, wherein the functional components further
comprise at least one of power amplifiers, semi-conductors, and switches.
 - 20 6. The wireless phone according to claim 2, wherein the functional components operate between a 25 and 50 MHz range of a network provider's operating frequency.
 7. The wireless phone according to claim 2, wherein the functional components operate between a 50 and 100 MHz range of a network provider's operating frequency.
 - 25 8. The wireless phone according to claim 2, wherein a protective cover is configured and adapted to house said functional components.
 9. The wireless phone according to claim 8, wherein said protective cover comprises a
30 connection area, wherein said connection area has standardized dimensions.

10. The wireless phone according to claim 8, wherein said protective cover is configured and adapted to fit within a defined profile, said profile comprising a length, a width, and a height.
11. The wireless phone according to claim 10, wherein said length is between about 40 and 5 about 50 mm.
12. The wireless phone according to claim 10, wherein said width is between about 25 and about 35 mm.
- 10 13. The wireless phone according to claim 10, wherein said height is between about 3 and about 6 mm.
14. The wireless phone according to claim 1, wherein said disposable module comprises a user interface module, said user interface module comprising at least some of a case, 15 microphone, display, keypad, speaker, earpiece, hands-free jack, volume control, on/off switch, and DRAM.
15. The wireless phone according to claim 1, wherein said disposable module is configured and adapted to fit a defined profile, said profile comprising a length, a width, and a height.
- 20 16. The wireless phone according to claim 1, wherein said disposable module is configured and adapted to house a power source.
17. The wireless phone according to claim 1, wherein said disposable module is operatively 25 connectable to said reusable module.
18. The wireless phone according to claim 1, wherein said disposable module comprises about 10% or less of the total cost of the disposable module and the reusable module.
- 30 19. The wireless phone according to claim 1, wherein said disposable module comprises about 1/8 or less of the cost of the reusable module.

5

20. A wireless phone, comprising:

one reusable module comprising functional components; and
one disposable module comprising user interface components.

10

21. The wireless phone according to claim 20, wherein the functional components comprise a subscriber identification module.

22. The wireless phone according to claim 20, wherein the functional components further comprise at least one of a transmitter, receiver, processor, and a memory.

15 23. The wireless phone according to claim 20, wherein the functional components further comprise at least one of power amplifiers, semi-conductors, and switches.

24. The wireless phone according to claim 20, wherein the functional components operate between a 25 and 50 MHz range of a network provider's operating frequency.

25. The wireless phone according to claim 20, wherein the functional components operate between a 50 and 100 MHz range of a network provider's operating frequency.

20

26. The wireless phone according to claim 20, wherein a protective cover is configured and adapted to house said functional components.

27. The wireless phone according to claim 26, wherein said protective cover comprises a connection area, wherein said connection area has standardized dimensions.

28. The wireless phone according to claim 26, wherein said protective cover is configured and adapted to fit within a defined profile, said profile comprising a length, a width, and a height.

30 29. The wireless phone according to claim 28, wherein said length is between about 40 and about 50 mm.

30. The wireless phone according to claim 28, wherein said width is between about 25 and about 35 mm.
- 5 31. The wireless phone according to claim 28, wherein said height is between about 3 and about 6 mm.
32. The wireless phone according to claim 20, wherein said user interface components, said user interface components comprising at least some of a case, microphone, display, keypad, 10 speaker, earpiece, hands free jack, volume control, on/off switch, and DRAM.
33. The wireless phone according to claim 20, wherein said disposable module is configured and adapted to fit a defined profile, said profile comprising a length, a width, and a height.
- 15 34. The wireless phone according to claim 20, wherein said disposable module is configured and adapted to house a power source.
35. The wireless phone according to claim 20, wherein said disposable module is operatively connectable to said reusable module.
- 20 36. The wireless phone according to claim 20, wherein said disposable module comprises about 10% or less of the total cost of the disposable module and the reusable module.
37. The wireless phone according to claim 20, wherein said disposable module comprises about 1/8 or less of the cost of the reusable module.
- 25 38. An apparatus for transmitting data over a wireless network, comprising:
a module comprising functional components; and
a sensing device operatively connected to said functional component
- 30 module.

39. The wireless phone according to claim 38, wherein the functional components comprise a subscriber identification module.
40. The wireless phone according to claim 38, wherein the functional components further
5 comprise at least one of a transmitter, receiver, and processor.
41. The wireless phone according to claim 38, wherein the functional components further
comprise at least one of power amplifiers, semi-conductors, and switches.
- 10 42. The wireless phone according to claim 38, wherein the functional components operate
between a 25 and 50 MHz range of a network provider's operating frequency.
43. The wireless phone according to claim 38, wherein the functional components operate
between a 50 and 100 MHz range of a network provider's operating frequency.
- 15 44. The wireless phone according to claim 38, wherein a protective cover is configured and
adapted to house said functional components.

20